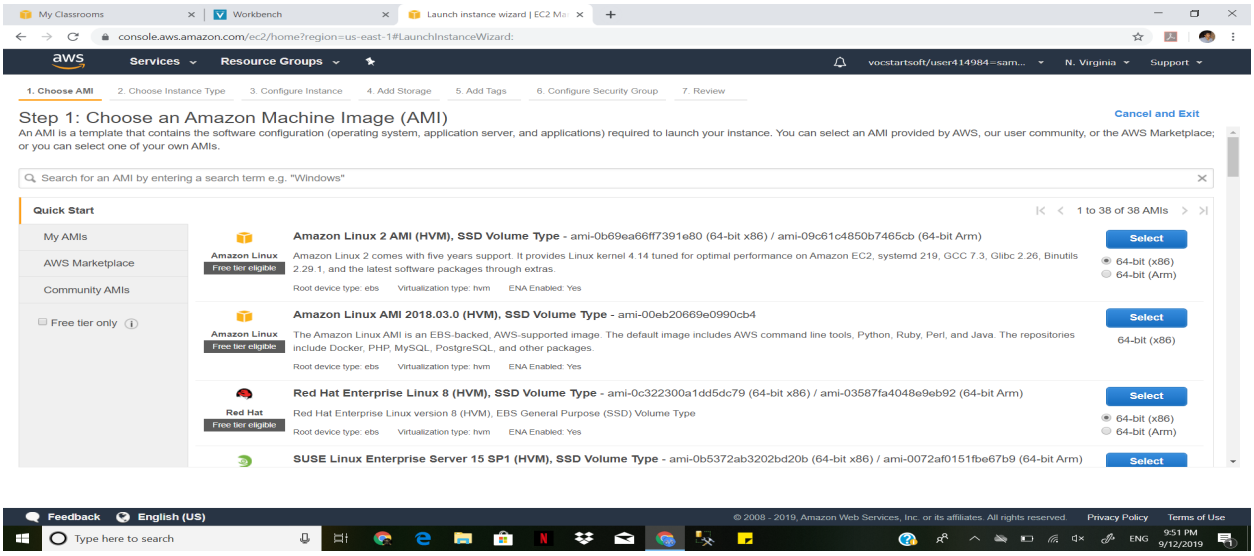
Create Java Hello World Program Using AWS EC2 Instance

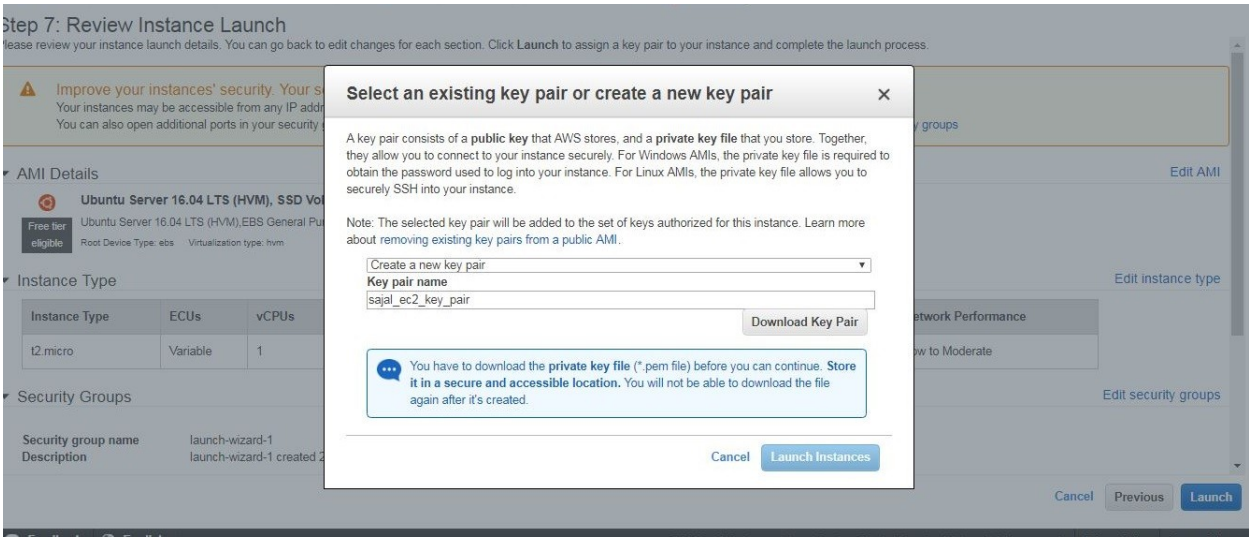
Step1:

Create an instance from aws educate



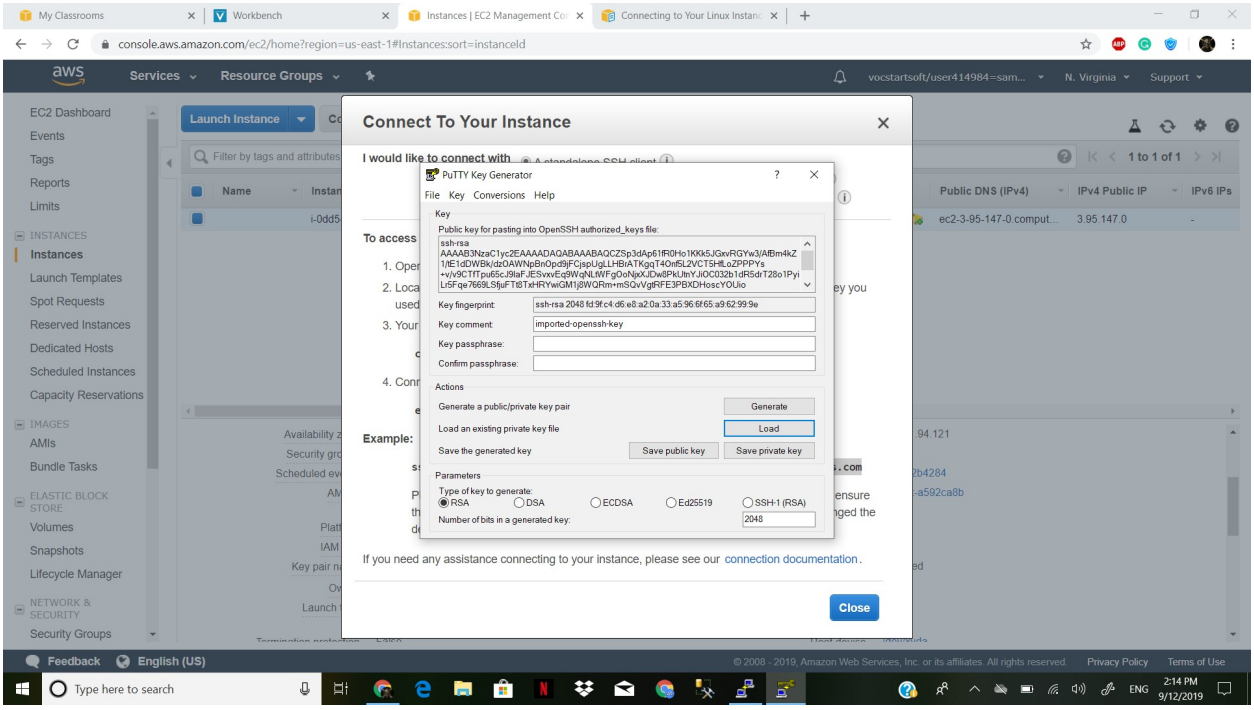
STEP 2:

Download a keypair/ use existing key pair

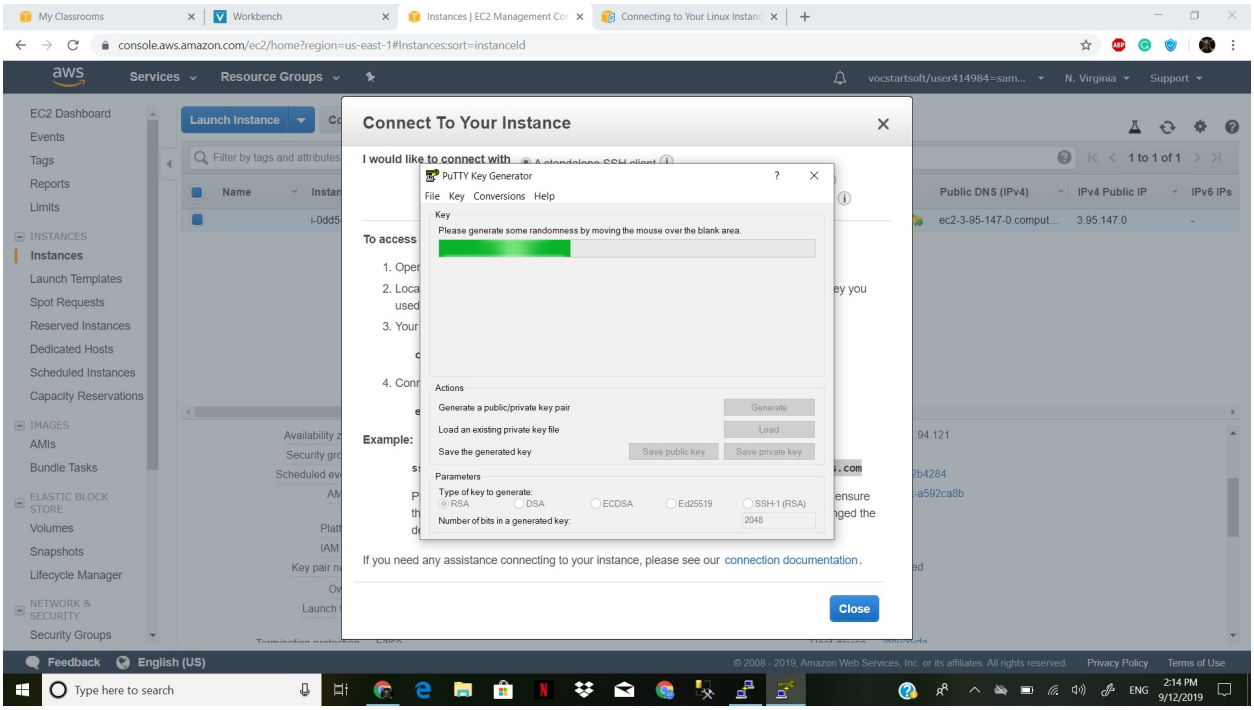


Step 3:

We create a private key by using putty gen and download the key

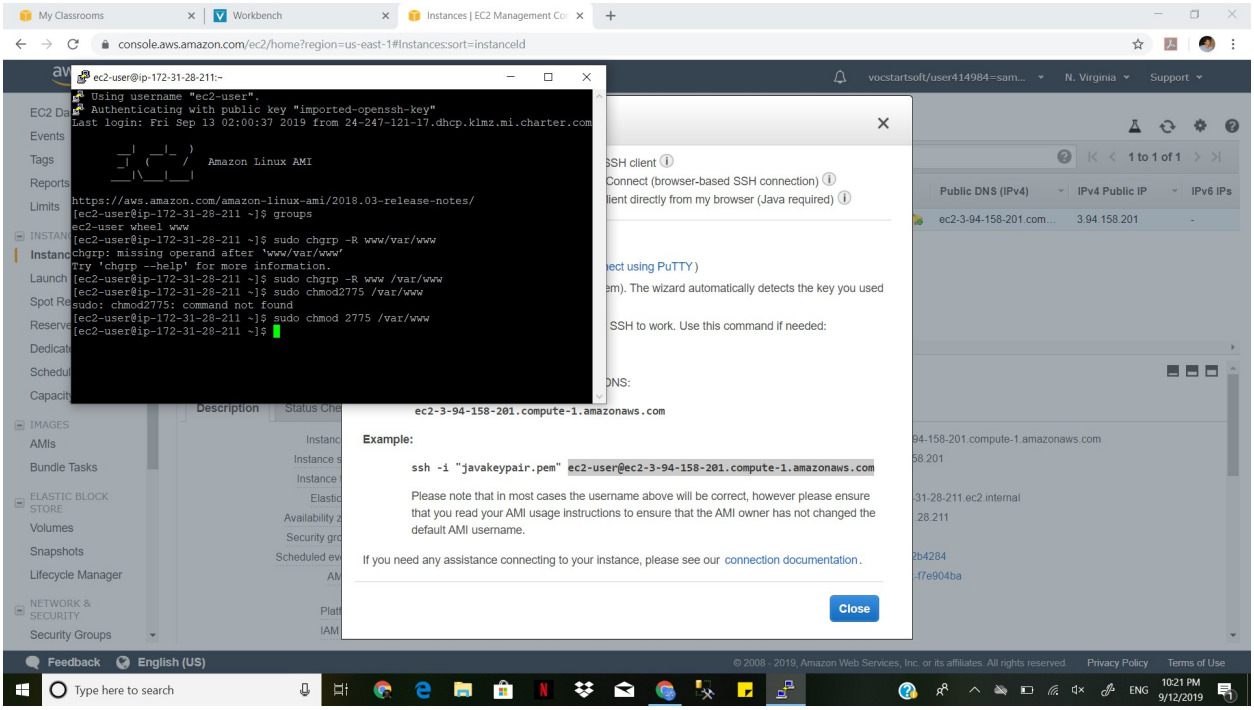


We will save that private key after generation



Step4:

We open putty and connect the host name putty command prompt will be opened



Step 5:

We use this command an download java in to putty

wget --header "Cookie: oraclelicense=accept-securebackup-cookie" http://download.oracle.com/otn-pub/java/jdk/8u181-b13/96a7b8442fe848ef90c96a2fad6ed6d1/jdk-8u181-linux-x64.rpm

Step 6:

We type “ls”

We get the software

jdk-8u181-linux-x64.rpm

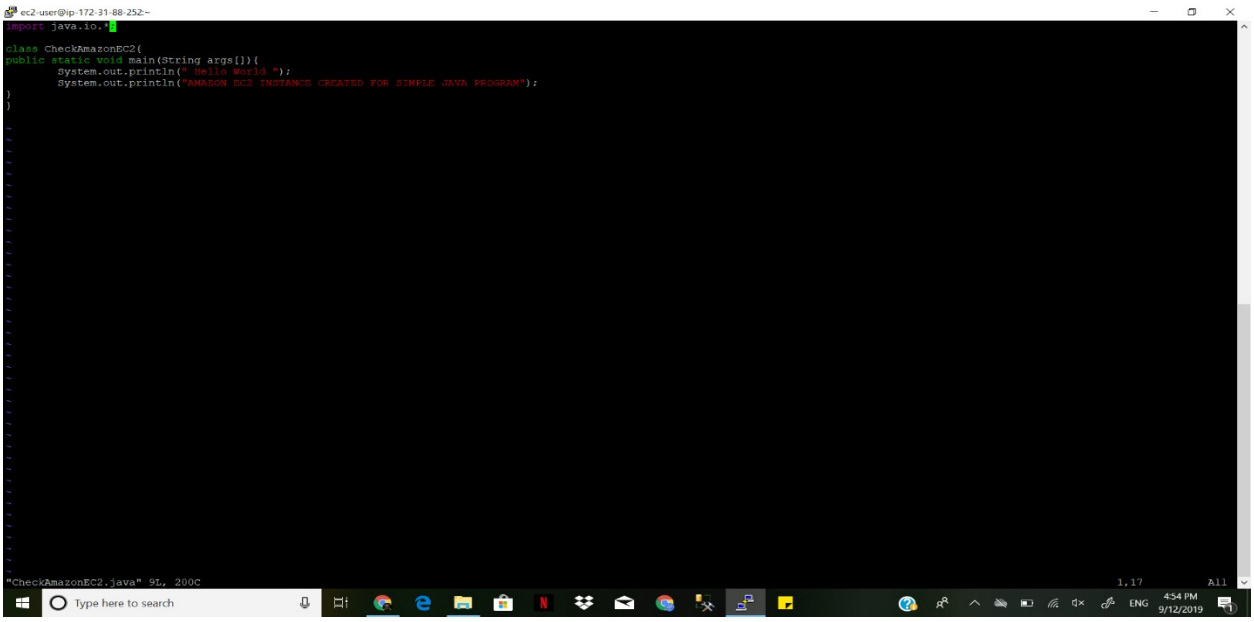
step 7:

we just type

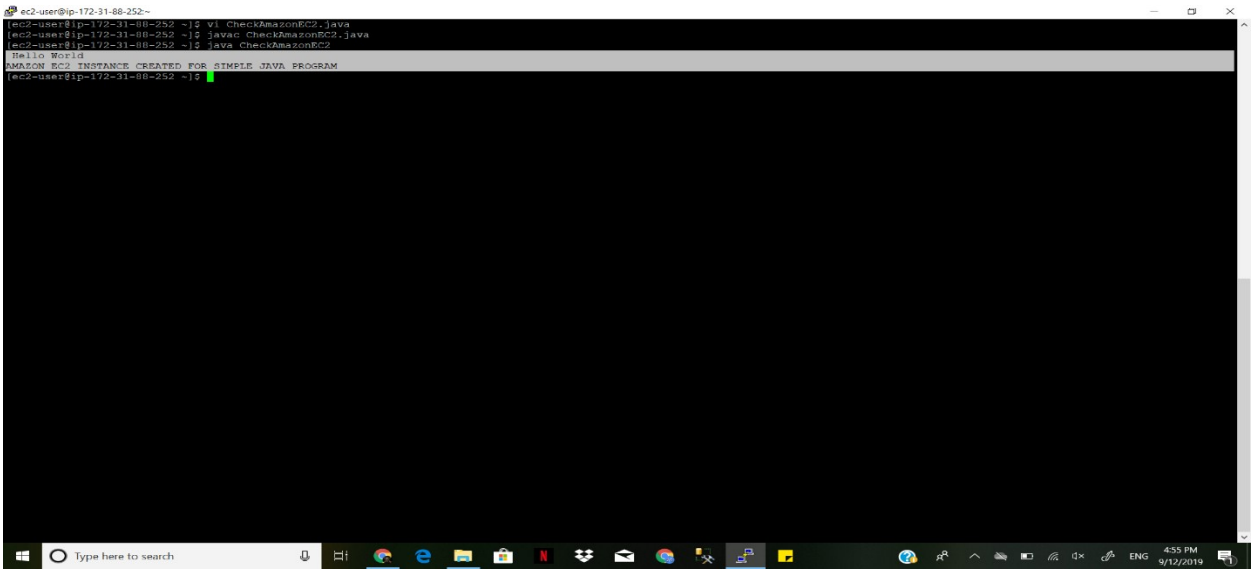
$ sudo yum localinstall jdk-8u181-linux-x64.rpm -y

The java is installed in the putty.

We can run java programs here.

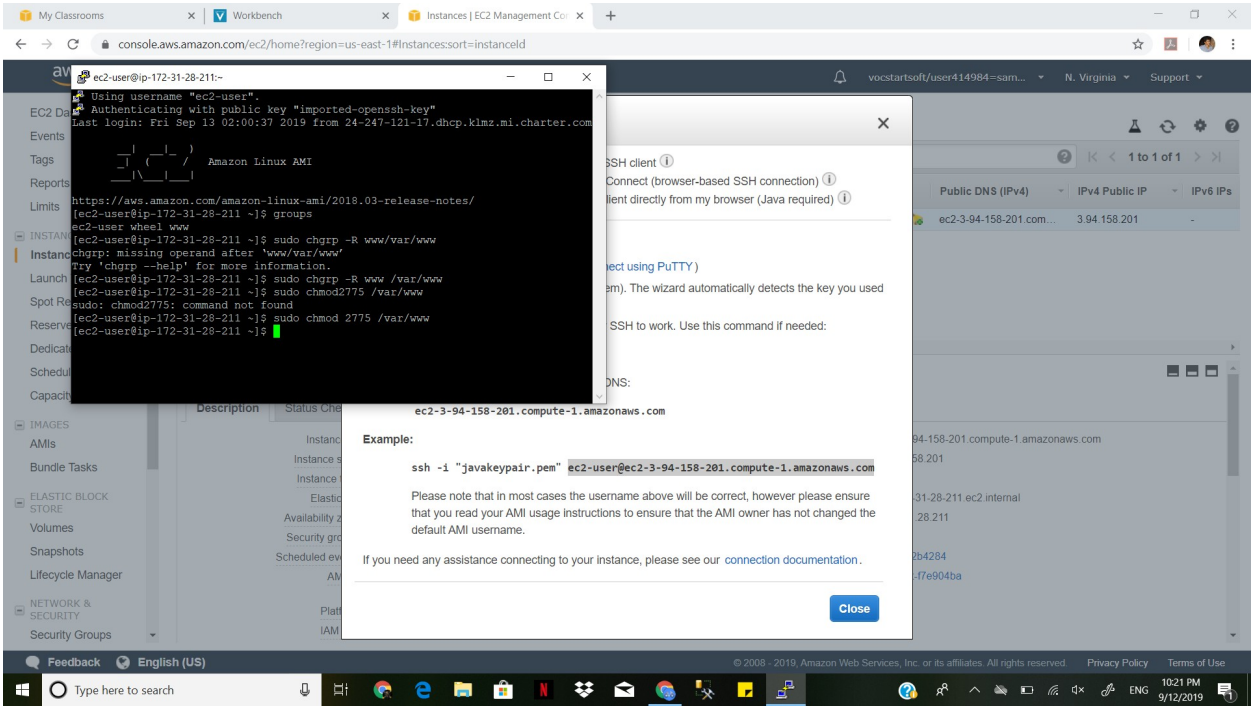


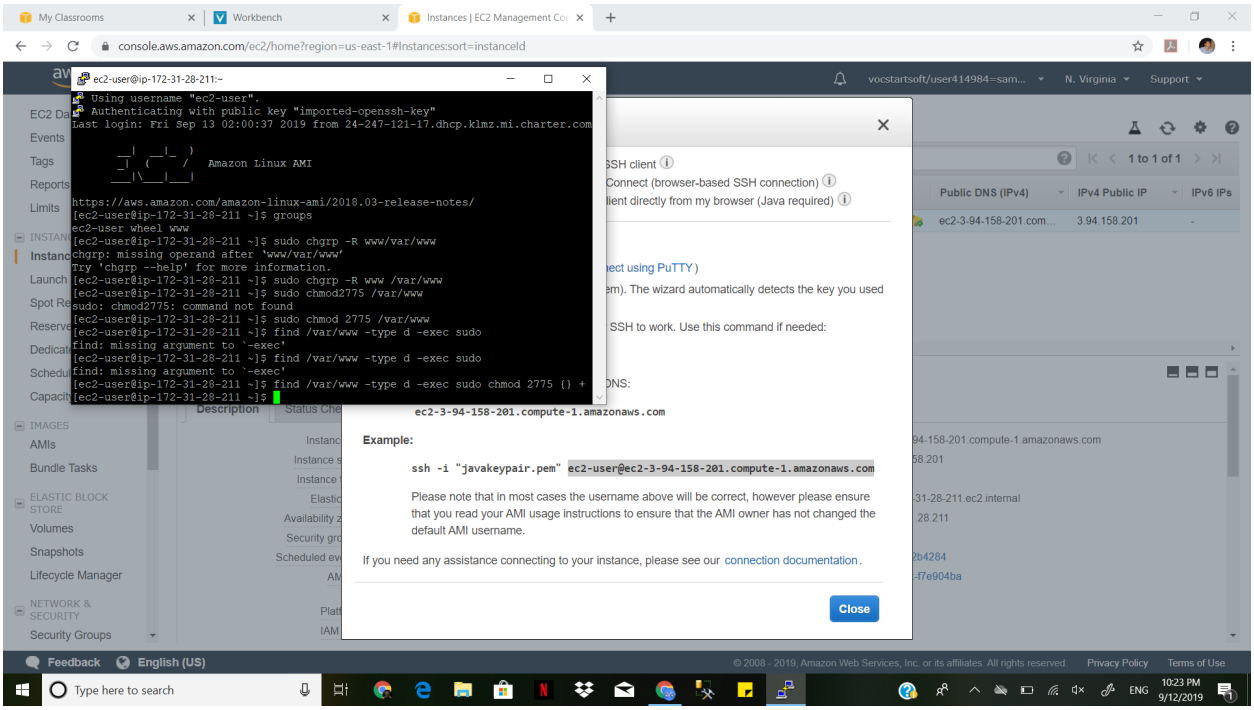
We execute the program

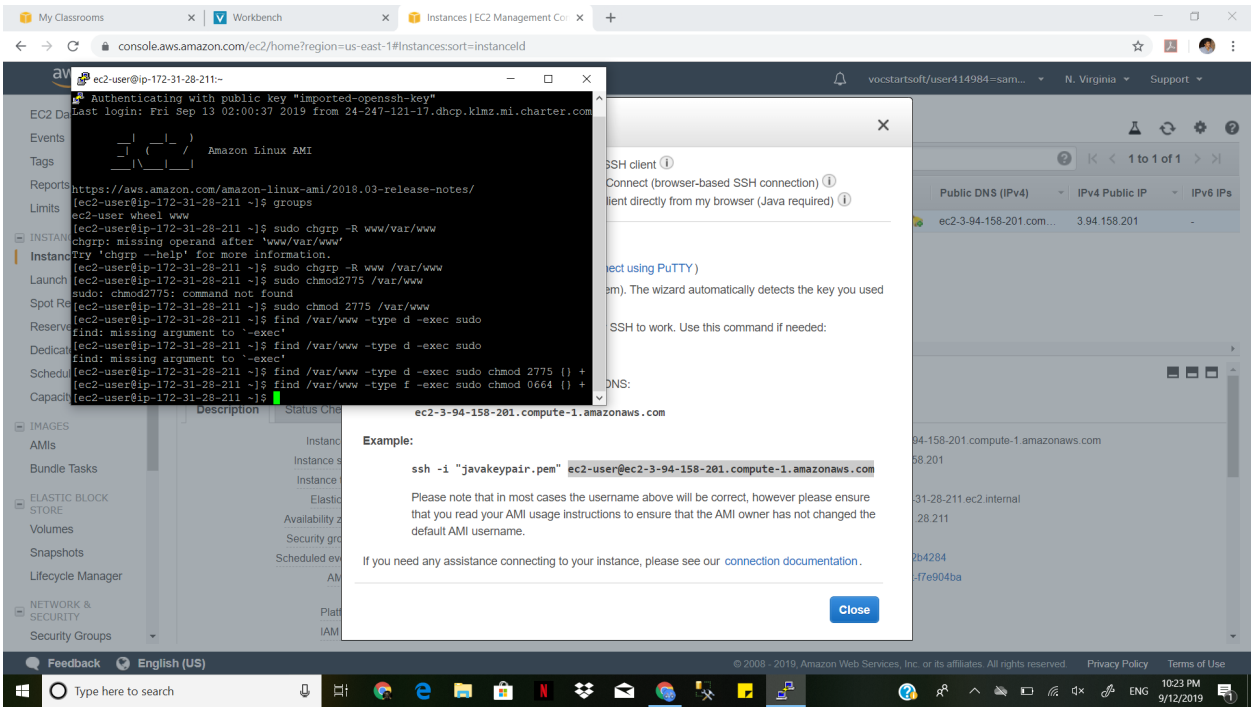


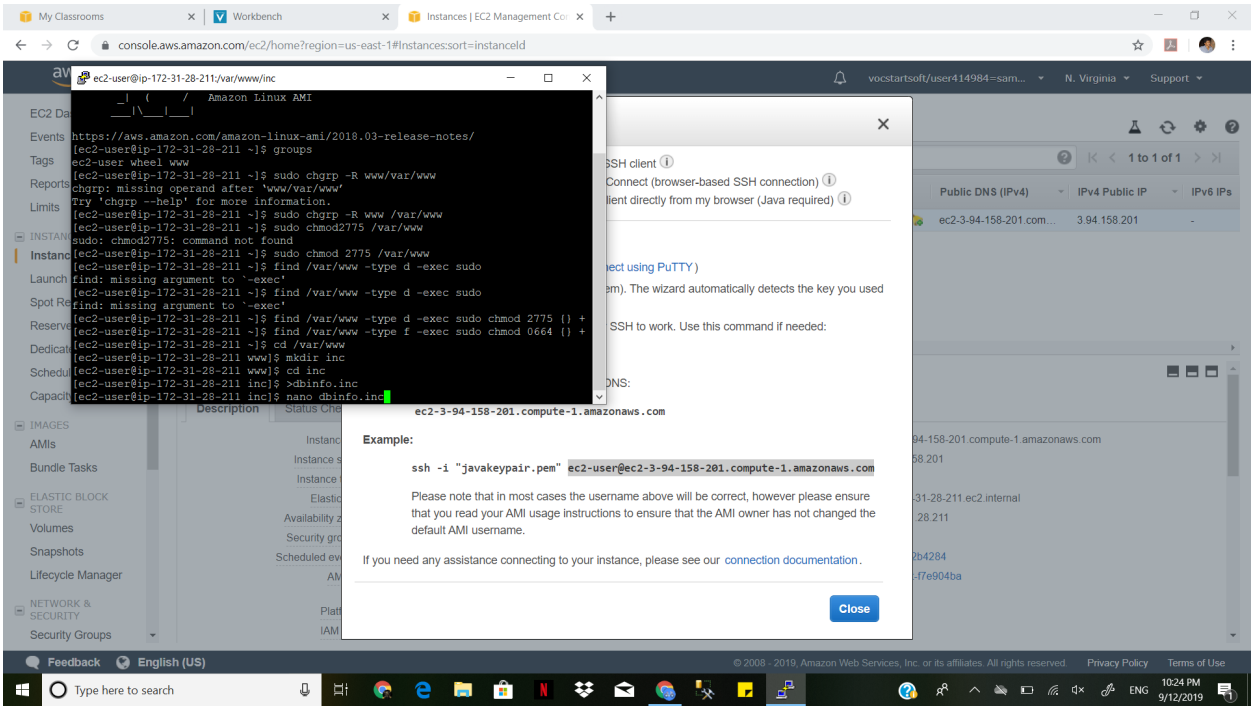
Step 8:

We connect the services to link the address to display it on the web page






ec2-user@ip-172-31-28-211:~
Authenticating with public key "imported-openssh-key"
Last login: Fri Sep 13 02:00:37 2019 from 24-247-121-17.dhcp.klmz.mi.charter.com
Amazon Linux AMI
https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
[ec2-user@ip-172-31-28-211 ~]$ groups
ec2-user wheel www
[ec2-user@ip-172-31-28-211 ~]$ sudo chgrp -R www/var/www
chgrp: missing operand after 'www/var/www'
Try 'chgrp --help' for more information.
[ec2-user@ip-172-31-28-211 ~]$ sudo chgrp -R www /var/www
[ec2-user@ip-172-31-28-211 ~]$ sudo chmod2775 /var/www
sudo: chmod2775: command not found
[ec2-user@ip-172-31-28-211 ~]$ sudo chmod 2775 /var/www
[ec2-user@ip-172-31-28-211 ~]$ find /var/www -type d -exec sudo
find: missing argument to `-exec'
[ec2-user@ip-172-31-28-211 ~]$ find /var/www -type d -exec sudo
find: missing argument to `-exec'
[ec2-user@ip-172-31-28-211 ~]$ find /var/www -type d -exec sudo chmod 2775 {} +
[ec2-user@ip-172-31-28-211 ~]$ find /var/www -type f -exec sudo chmod 0664 {} +
[ec2-user@ip-172-31-28-211 ~]$
ec2-3-94-158-201.compute-1.amazonaws.com
Example:
ssh -i "javakeypair.pem" ec2-user@ec2-3-94-158-201.compute-1.amazonaws.com
Please note that in most cases the username above will be correct, however please ensure that you read your AMI usage instructions to ensure that the AMI owner has not changed the default AMI username.
If you need any assistance connecting to your instance, please see our connection documentation.
Close


ec2-user@ip-172-31-28-211:/var/www/inc
Amazon Linux AMI
https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
[ec2-user@ip-172-31-28-211 ~]$ groups
ec2-user wheel www
[ec2-user@ip-172-31-28-211 ~]$ sudo chgrp -R www/var/www
chgrp: missing operand after 'www/var/www'
Try 'chgrp --help' for more information.
[ec2-user@ip-172-31-28-211 ~]$ sudo chgrp -R www /var/www
[ec2-user@ip-172-31-28-211 ~]$ sudo chmod2775 /var/www
sudo: chmod2775: command not found
[ec2-user@ip-172-31-28-211 ~]$ sudo chmod 2775 /var/www
[ec2-user@ip-172-31-28-211 ~]$ find /var/www -type d -exec sudo
find: missing argument to `-exec'
[ec2-user@ip-172-31-28-211 ~]$ find /var/www -type d -exec sudo
find: missing argument to `-exec'
[ec2-user@ip-172-31-28-211 ~]$ find /var/www -type d -exec sudo chmod 2775 {} +
[ec2-user@ip-172-31-28-211 ~]$ find /var/www -type f -exec sudo chmod 0664 {} +
[ec2-user@ip-172-31-28-211 ~]$ cd /var/www
[ec2-user@ip-172-31-28-211 www]$ mkdir inc
[ec2-user@ip-172-31-28-211 www]$ cd inc
[ec2-user@ip-172-31-28-211 inc]$ >dbinfo.inc
[ec2-user@ip-172-31-28-211 inc]$ nano dbinfo.inc
ec2-3-94-158-201.compute-1.amazonaws.com
Example:
ssh -i "javakeypair.pem" ec2-user@ec2-3-94-158-201.compute-1.amazonaws.com
Please note that in most cases the username above will be correct, however please ensure that you read your AMI usage instructions to ensure that the AMI owner has not changed the default AMI username.
If you need any assistance connecting to your instance, please see our connection documentation.
Close

Step 9:

We running the program it is displayed on the web page using my instance